

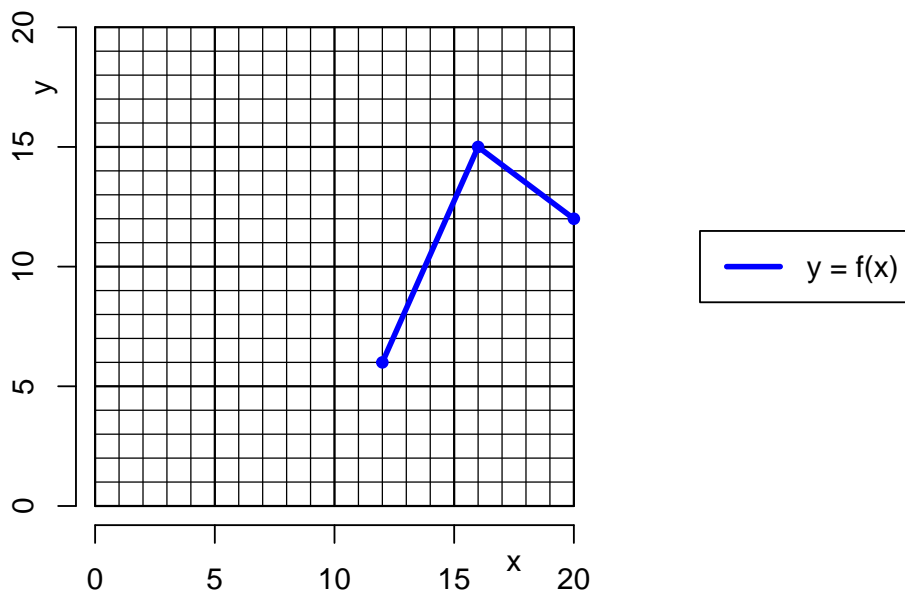
Name: \_\_\_\_\_

Date: \_\_\_\_\_

## PCW\_09\_18 Find new points after transformation (version 14)

### Question 1

Curve  $y = f(x)$  contains points  $(12, 6)$  and  $(16, 15)$  and  $(20, 12)$ , as shown on the  $x$ - $y$  plane below.

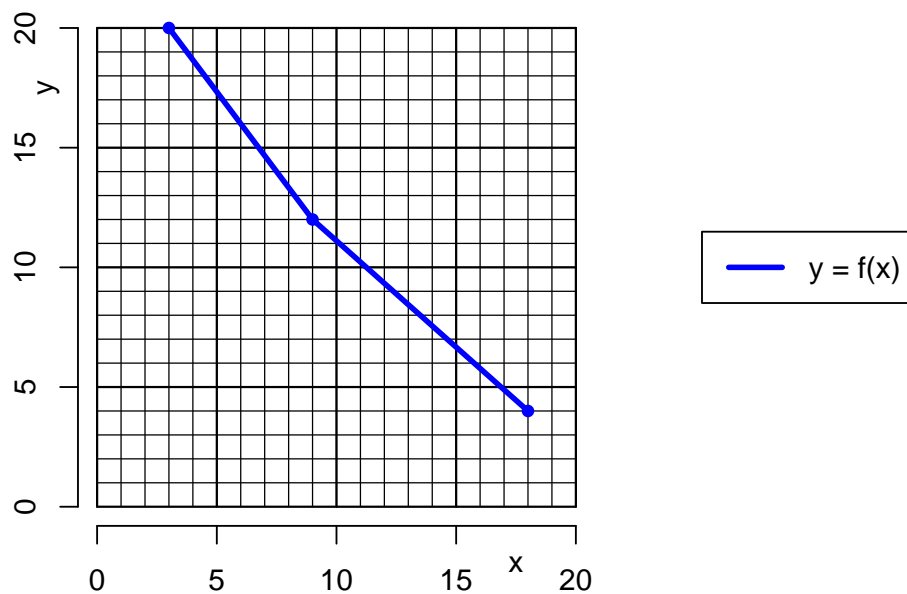


On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[2(x+5)]}{3} - 2$$

## Question 2

Curve  $y = f(x)$  contains points  $(3, 20)$  and  $(9, 12)$  and  $(18, 4)$ , as shown on the  $x$ - $y$  plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[3(x-1)] - 4}{2}$$